INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/005220

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ F25B9/00, F25B9/14			
According to International Patent Classification (IPC) or to both	h national classification and IPC		
B. FIELDS SEARCHED			
Minimum documentation searched (classification system follow Int.Cl ⁷ F25B9/00, F25B9/14, F02G	ed by classification symbols) \$1/04		
Documentation searched other than minimum documentation to Jitsuyo Shinan Koho 1922-199 Kokai Jitsuyo Shinan Koho 1971-200	6 Jitsuyo Shinan Toroku Koho 19 5 Toroku Jitsuyo Shinan Koho 19	996-2005 994-2005	
Electronic data base consulted during the international search (n	name of data base and, where practicable, search terms	used)	
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category* Citation of document, with indication,	where appropriate, of the relevant passages	Relevant to claim No.	
Y JP 2002-535597 A (The Re University of California 22 October, 2002 (22.10.) Page 43, lines 4 to 19; & US 6032464 A), 02),	1-6,8-10,12 7,11,13	
Y JP 2002-031423 A (Iwatar A 31 January, 2002 (31.01. Column 2, lines 12 to 35 (Family: none)	02),	1-6,8-10,12 7,11,13	
Y JP 2000-088378 A (Kabush A Tsushin Sentan Gijutsu K 31 March, 2000 (31.03.00 Column 4, lines 28 to 42 7 to 14 (Family: none)	enkyusho),	5,6,10,12 7,11,13	
X Further documents are listed in the continuation of Box C	See patent family annex.		
Special categories of cited documents: document defining the general state of the art which is not control to be of particular relevance "E" earlier application or patent but published on or after the international filing date	sidered date and not in conflict with the application the principle or theory underlying the inventional "X" document of particular relevance; the claim considered novel or cannot be considered.	date and not in conflict with the application but cited to understand the principle or theory underlying the invention X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive	
"L" document which may throw doubts on priority claim(s) or whice cited to establish the publication date of another citation or especial reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other	other "Y" document of particular relevance; the claim considered to involve an inventive step means combined with one or more other such doct	when the document is	
"P" document published prior to the international filing date but later the priority date claimed	"&" document member of the same patent famil		
Date of the actual completion of the international search 17 June, 2005 (17.06.05)	Date of mailing of the international search r 05 July, 2005 (05.07.		
Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer		
Facsimile No.	Telephone No.		

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